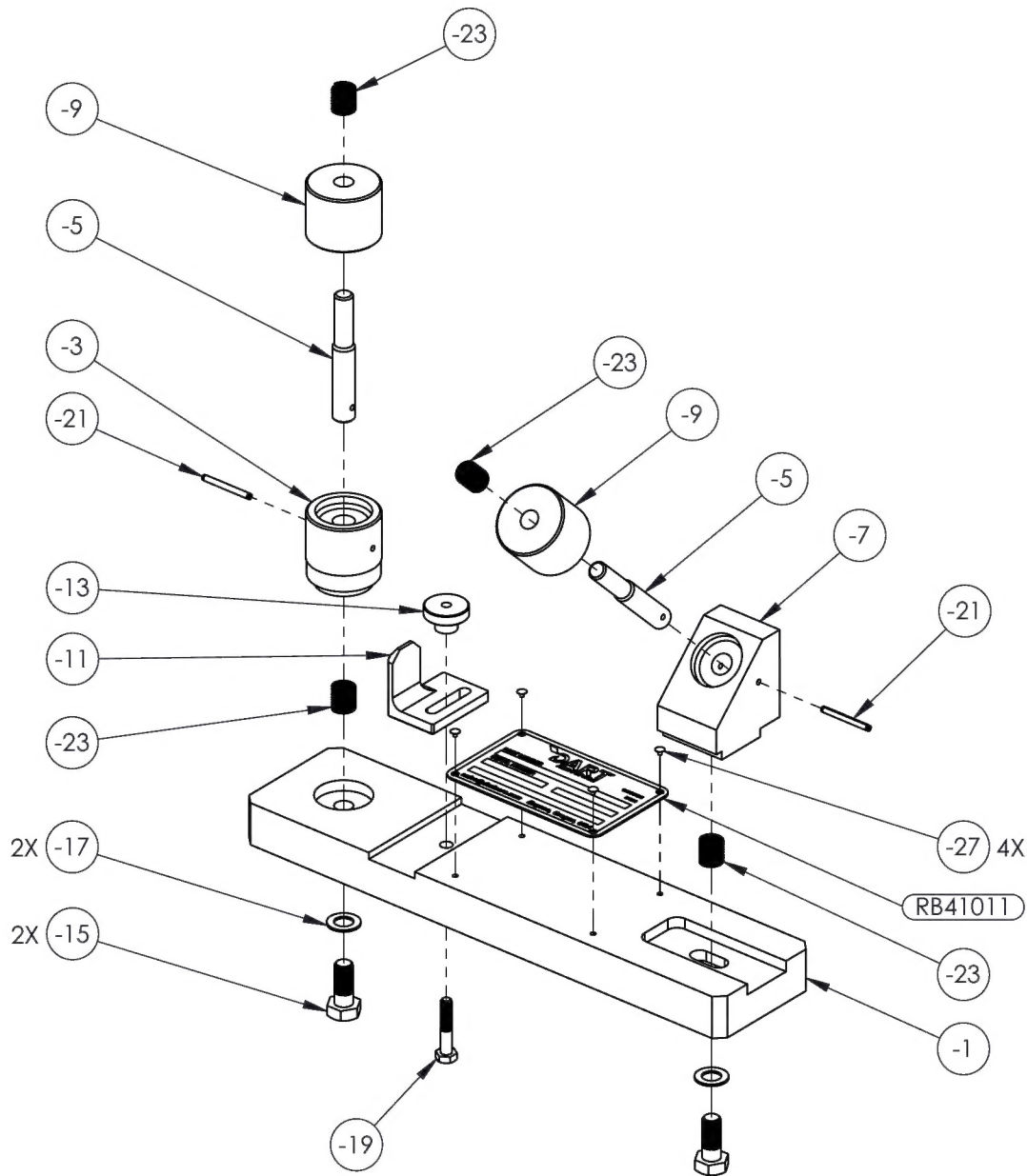
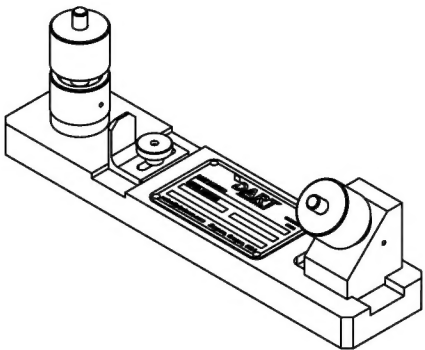


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ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	BASE	6061		2
			-3	1	ROUND SEAT	6061		3
			-5	2	STUD	4140/4142		4
			-7	1	SLIDE SEAT	6061		5
			-9	2	KNOB	6061		6
			-11	1	POINTER	6061		7
		B/O	-13	1	THUMB NUT	S.S.	#10-32 UNF (ESSENTRA #SKN-55)	1
		B/O	-15	2	HEX HEAD CAP SCREW	STEEL	5/16-24 UNF (SPENCER AIRCRAFT #AN5-5A)	1
		B/O	-17	2	FLAT WASHER	STEEL	Ø5/16 (SPENCER AIRCRAFT #AN960-516)	1
		B/O	-19	1	HEX HEAD CAP SCREW	STEEL	#10-32 UNF X 7/8 (SPENCER AIRCRAFT #AN3-7A)	1
		B/O	-21	2	ROLL PIN	S.S.	Ø3/32 X 1 (MCMASTER-CARR #92373A149)	1
		B/O	-23	4	HELI-COIL	S.S.	5/16-24 UNF X 1/2 (MCMASTER-CARR #91732A233)	1
		B/O	-27	4	#2 DRIVE SCREW	COATED STEEL	#2 X 1/4 (MCMASTER-CARR #90081A077)	1
		B/O		1	DART PLACARD	ALUMINUM	RB41011	1

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		-1 CH'D ENGRAVE NOTE.	5/28/2009	RJC	RW
1		-1 CH'D LOWER C.B. FROM Ø.981. ADDED MISSING DIM 1.375. CH'D FINISH SPEC. DELETED ENGRAVE NOTE. -5 CH'D FINISH SPEC. ADDED MISSING HOLE DIM. -7 ADDED MISSING DIM FOR HOLE & CH'D DIMS FOR HOLE LOCATION, DELETED .754 DIM. ADDED ENGRAVE NOTE. CH'D FINISH SPEC. -3, -9 & -11 ADDED ENGRAVE NOTE, CH'D FINISH SPEC.	5/4/2011	RJC	
2		-1 ADDED 4X Ø.089 HOLES, CH'D FROM POWDER COAT TO RED ANODIZE. -3 CH'D B/O INFO FROM Ø1-3/8 TO Ø1-1/4. CH'D O.D. FROM 1.230 TO 1.25. -7 ADDED MISSING R.062 DIM. ADDED 1.584 AND .370 DIMS.	9/24/2012	JAG	
3		-1 REMOVED MASKING ANNOTATIONS AND ASSOCIATED NOTES. -5 CH'D DIM WAS Ø.372 BASIC IS Ø.374 AND LIMITS. -7 ADDED LIMITS TO Ø.374 DIM. ADDED LOCATION DIM FOR Ø.098 HOLE (1.057).	2/5/2013	BIM	GE
4	15-0298	-3 CH'D ENGRAVE NOTE WAS ENGRAVE T/N IS ENGRAVE P/N. CH'D DIM WAS Ø.094 IS Ø.097 - .094. -5 CH'D DIM WAS Ø.094 IS Ø.097 - .094. CH'D MATERIAL CALLOUT WAS 4140 G&P IS 4140 G&P / 4142 G&P. -7 CH'D ENGRAVE NOTE WAS ENGRAVE T/N IS ENGRAVE P/N. CH'D DIM WAS Ø.094 IS Ø.097 - .094. -9 CH'D ENGRAVE NOTE WAS ENGRAVE T/N IS ENGRAVE P/N. -11 CH'D ENGRAVE NOTE WAS ENGRAVE T/N IS ENGRAVE P/N.	9/14/2015	RJC	JAG
5	16-0233	-1 CH'D DIMS WAS Ø.323 THRU ALL Ø.978 ±.20 S.F. -3 IS Ø.323 THRU ALL Ø.9780-.9792 ±.20 (S.F. -3). WAS .986 S.F. -11 IS .986 ±.002 (S.F. -11). WAS .988 S.F. -7 IS .988 ±.002 (S.F. -7). WAS 1.375 IS (1.375). DELETED DIMS .627, 2X R.196 ±.24, 2X Ø.98 ±.40, 2X R.164 THRU, 3.690, ADDED DIMS .24, .40, .235, .392, 2X FULL R. .328, .98, 2X FULL R. 2X R.20. -3 CH'D DIMS WAS Ø.374 S.F. -5 IS Ø.3738-.3747 (S.F. -5). WAS Ø.094-.097 IS Ø.094-.097 THRU ALL (P.F. -21). WAS Ø.328 FOR -23 HELICOIL IS TAP FOR -23 5/16-24 HELICOIL INSERT = 1.5 * DIA. WAS Ø.977 S.F. -1 IS Ø.9756-.9764 (S.F. -1). -5 CH'D DIMS WAS Ø.374 - .0012 - .0019 IS Ø.3721-.3728 (S.F. -3 & -7). WAS Ø.094-.097 THRU IS Ø.094-.097 THRU ALL (P.F. -21). WAS .914 IS .914 ±.010. CH'D MAT'L WAS 4140 G&P / 4142 G&P. ADDED HEAT TREAT RC 28-34. CH'D FINISH WAS CAD PLATE YELLOW QQ-P-416, TYPE II, CLASS II IS ZINC PLATE ASTM B633 TYPE I SC2. -7 CH'D DIMS WAS Ø.234 THRU ALL Ø.374 +.0007-.0000 ±.75 S.F. -5 IS Ø.234 THRU ALL Ø.3738-.3747 ±.75 (S.F. -5). WAS Ø.094-.097 THRU IS Ø.094-.097 THRU ALL (P.F. -21). WAS Ø.328 ±.50 FOR -23 HELICOIL IS TAP FOR -23 5/16-24 HELICOIL INSERT = 1.5 * DIA. WAS .980 S.F. -1 IS .980 ±.002 (S.F. -1). WAS .430 IS (.430). -9 CH'D DIM WAS Ø.328 THRU ALL FOR -23 HELICOIL IS TAP FOR -23 5/16-24 HELICOIL INSERT = 1.5 * DIA. -11 CH'D DIM WAS .981 S.F. -1 IS .980 ±.002 (S.F. -1). DELETED DIM R.103. ADDED DIMS .206, 2X FULL R. -27 CH'D B/O REF WAS Ø.1 X 1/8 #90081A074 IS #2 X 1/4 (#90081A077).	11/28/2016	DPD	SM

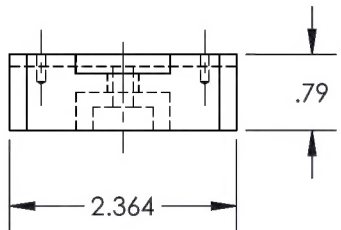
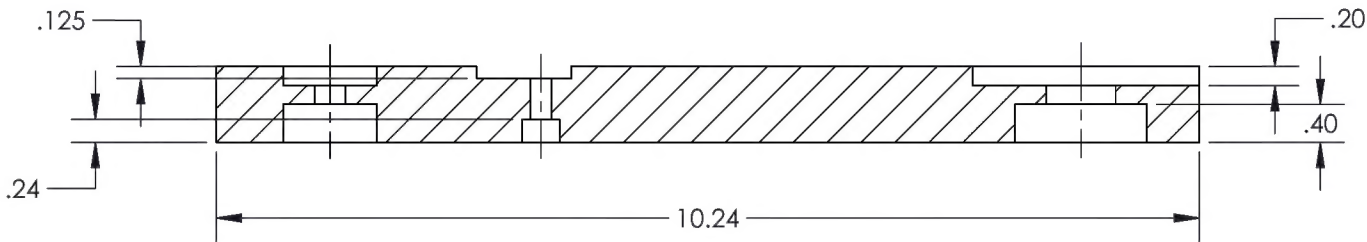
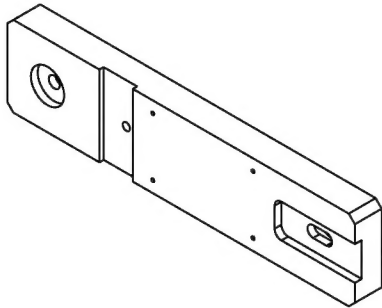
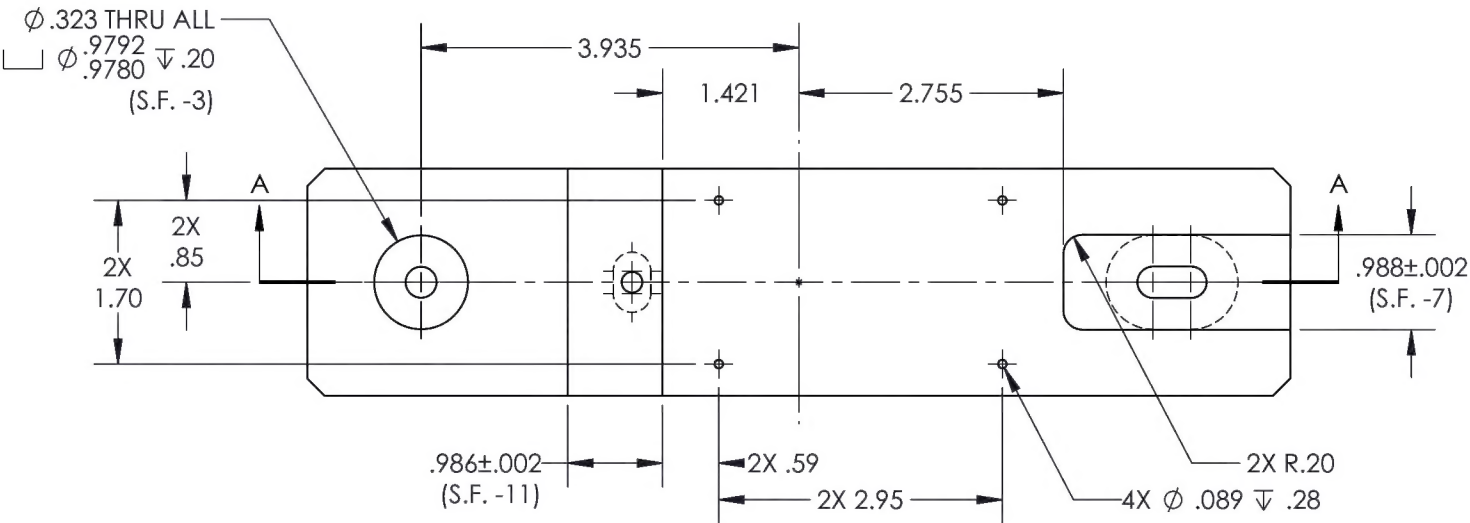


NOTES:
ORIGINAL REF. No.
RBW640GG00332 ASSY. = 3G6405G00332
RBW6405G00332-1 = 3G6405G01252
RBW6405G00332-3 = 3G6405G06431
RBW6405G00332-7 = 3G6405G06531
RBW6405G00332-9 = 3G6405G06631
RBW6405G00332-11 = 3G6405G01652
DO NOT USE, FOR REFERENCE ONLY

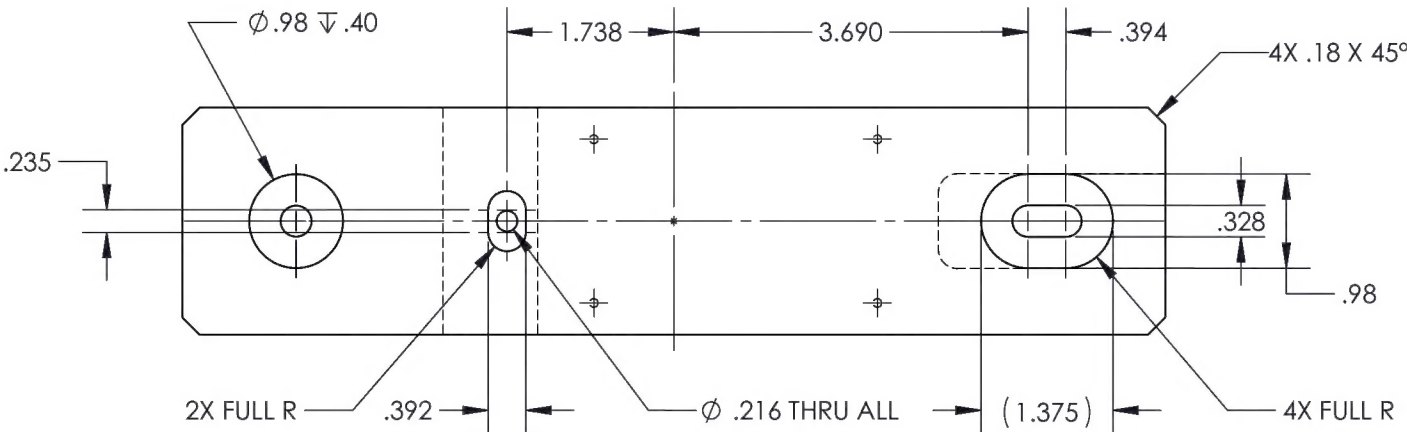
DART AEROSPACE			
TITLE T/R PITCH CONTROL LINK ADJUSTING TOOL			
DWG NO. RBW6405G00332-3G			REV 5
MAT'L HEAT TREAT FINISH SPEC		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS ± 1/8 XX ± .005 XX ± .01 X ± .1 ANGLES ± .5° SURFACES = 125/	
DRAWN BY: PERRITT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: MACKOVJAK		AGUSTA	
SCALE 1:3	DATE 1/13/2008	SHEET 1 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		-1 CH'D ENGRAVE NOTE.	5/28/2009	RJC	RW
1		-1 CH'D LOWER C.B. FROM Ø.981, ADDED MISSING DIM 1.375, CH'D FINISH SPEC, DELETED ENGRAVE NOTE.	5/4/2011	RJC	
2		-1 ADDED 4X Ø.089 HOLES, CH'D FROM POWDER COAT TO RED ANODIZE.	9/24/2012	JAG	
3		-1 REMOVED MASKING ANNOTATIONS AND ASSOCIATED NOTES.	2/5/2013	BIM	GE
5	16-0233	-1 CH'D DIMS WAS Ø.323 THRU ALL L. Ø.978 ∇ .20 S.F. -3 IS Ø.323 THRU ALL L. Ø.9780-.9792 ∇ .20 (S.F. -3), WAS .986 S.F. -11 IS .986 \pm .002 (S.F. -11), WAS .988 S.F. -7 IS .988 \pm .002 (S.F. -7), WAS 1.375 IS (1.375), DELETED DIMS .627, 2X R.196 ∇ .24, 2X Ø.98 ∇ .40, 2X R.164 THRU, 3.690. ADDED DIMS .24, .40, .235, .392, 2X FULL R., .328, .98, 2X FULL R., 2X R.20.	11/28/2016	DPD	SM



SECTION A-A



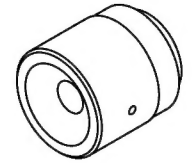
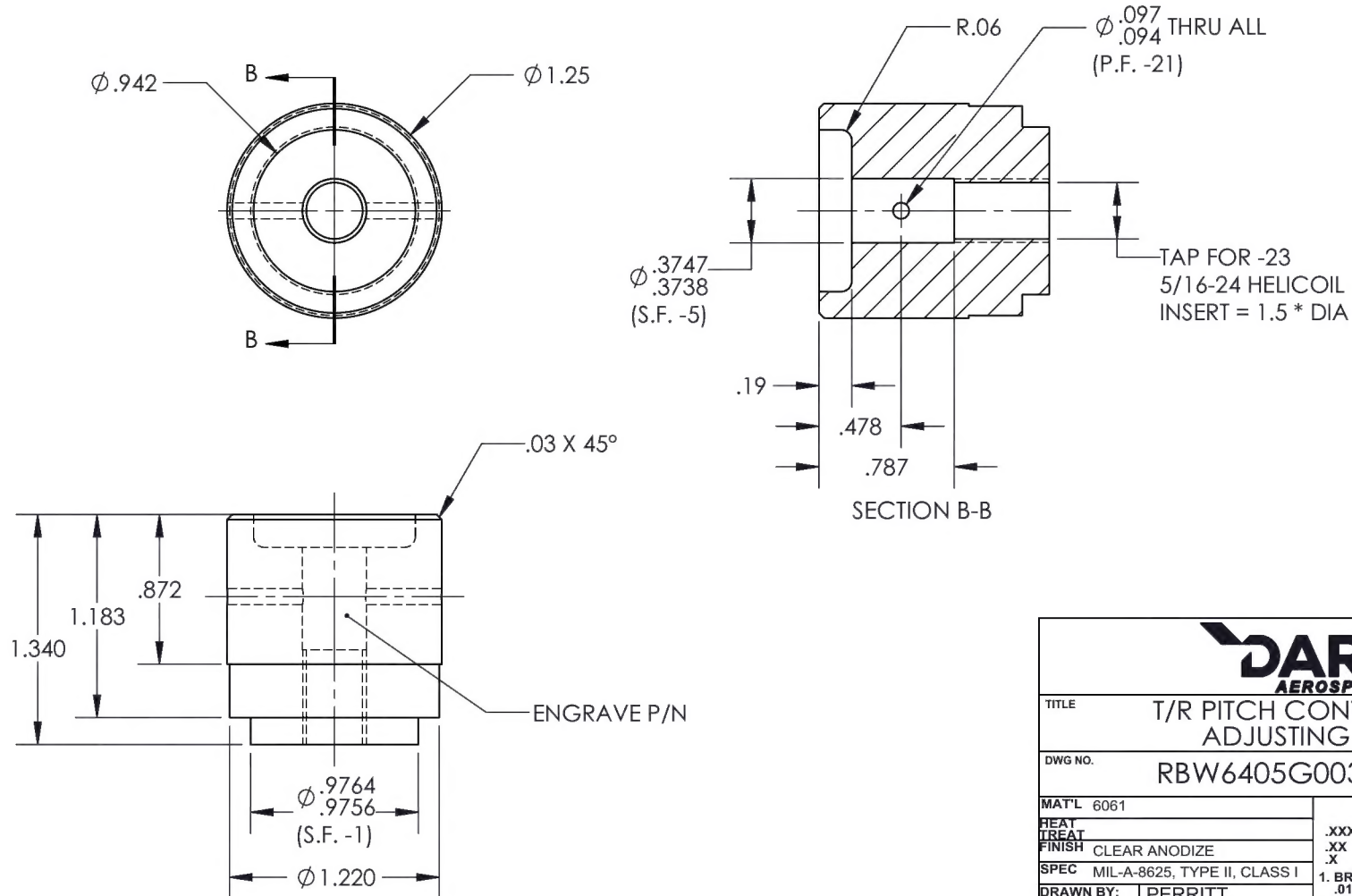
①

BASE

DART AEROSPACE			
TITLE T/R PITCH CONTROL LINK ADJUSTING TOOL			
DWG NO. RBW6405G00332-3G-1			REV 5
MAT'L 6061		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX \pm .005 FRACTIONS \pm 1/8	
FINISH RED ANODIZE		.XX \pm .01 ANGLES \pm 5°	
SPEC MIL-A-8625, TYPE II, CLASS II		.X \pm .1 SURFACES = 125/	
DRAWN BY: PERRITT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: MACKOVJAK		AGUSTA	
SCALE 1:2		DATE 1/13/2008	SHEET 2 OF 7

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-3 CH'D FINISH SPEC, ADDED ENGRAVE NOTE.	5/4/2011	RJC	
2		-3 CH'D O.D. FROM 1.230 TO 1.25.	9/24/2012	JAG	
4	15-0298	-3 CH'D ENGRAVE NOTE WAS ENGRAVE T/N IS ENGRAVE P/N, CH'D DIM WAS $\varnothing.094$ IS $\varnothing.097 - .094$.	9/14/2015	RJC	JAG
5	16-0233	-3 CH'D DIMS WAS $\varnothing.374$ S.F. -5 IS $\varnothing.3738-.3747$ (S.F. -5), WAS $\varnothing.094-.097$ IS $\varnothing.094-.097$ THRU ALL (P.F. -21), WAS $\varnothing.328$ FOR -23 HELICOIL IS TAP FOR -23 5/16-24 HELICOIL INSERT = 1.5 * DIA, WAS $\varnothing.977$ S.F. -1 IS $\varnothing.9756-.9764$ (S.F. -1).	11/28/2016	DPD	SM



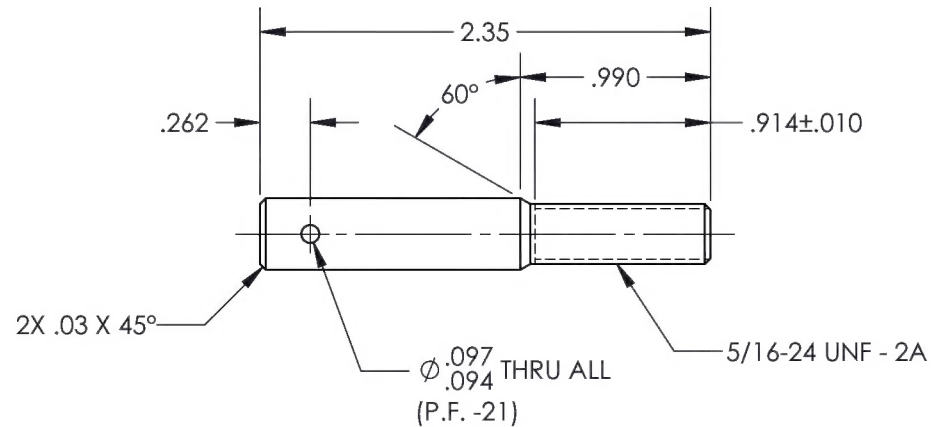
(-3)
ROUND SEAT

DART AEROSPACE	
TITLE T/R PITCH CONTROL LINK ADJUSTING TOOL	
DWG NO. RBW6405G00332-3G-3	REV 5
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH CLEAR ANODIZE	.XX ± .01 ANGLES ± 5°
SPEC MIL-A-8625, TYPE II, CLASS I	.X ± .1 SURFACES = 125
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: MACKOVJAK	AGUSTA
SCALE 1:1	DATE 1/13/2008
SHEET 3 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-5 CH'D FINISH SPEC, ADDED MISSING HOLE DIM.	5/4/2011	RJC	
3		-5 CH'D DIM WAS Ø.372 BASIC IS Ø.374 AND LIMITS.	2/5/2013	BIM	GE
4	15-0298	-5 CH'D DIM WAS Ø.094 IS Ø.097 - .094, CH'D MATERIAL CALLOUT WAS 4140 G&P IS 4140 G&P / 4142 G&P.	9/14/2015	RJC	JAG
5	16-0233	-5 CH'D DIMS WAS Ø.374 -.0012 -.0019 IS Ø.3721-.3728 (S.F. -3 & -7), WAS Ø.094-.097 THRU IS Ø.094-.097 THRU ALL (P.F. -21), WAS .914 IS .914±.010. CH'D MAT'L WAS 4140 G&P / 4142 G&P IS 4140/4142. ADDED HEAT TREAT RC 28-34. CH'D FINISH WAS CAD PLATE YELLOW QQ-P-416, TYPE II, CLASS II IS ZINC PLATE ASTM B633 TYPE I SC2.	11/28/2016	DPD	SM

Ø.3728
Ø.3721
(S.F. -3 & -7)

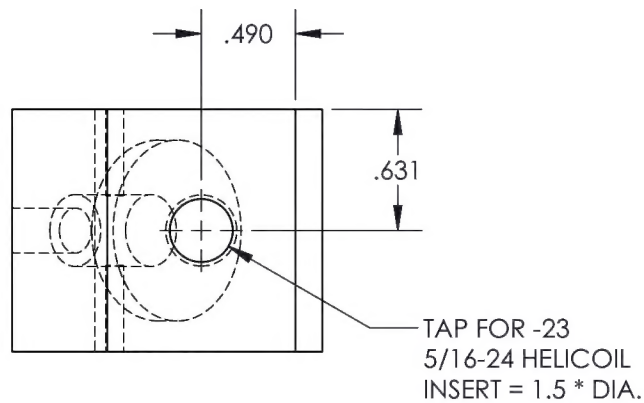
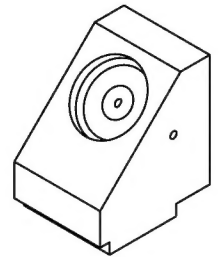
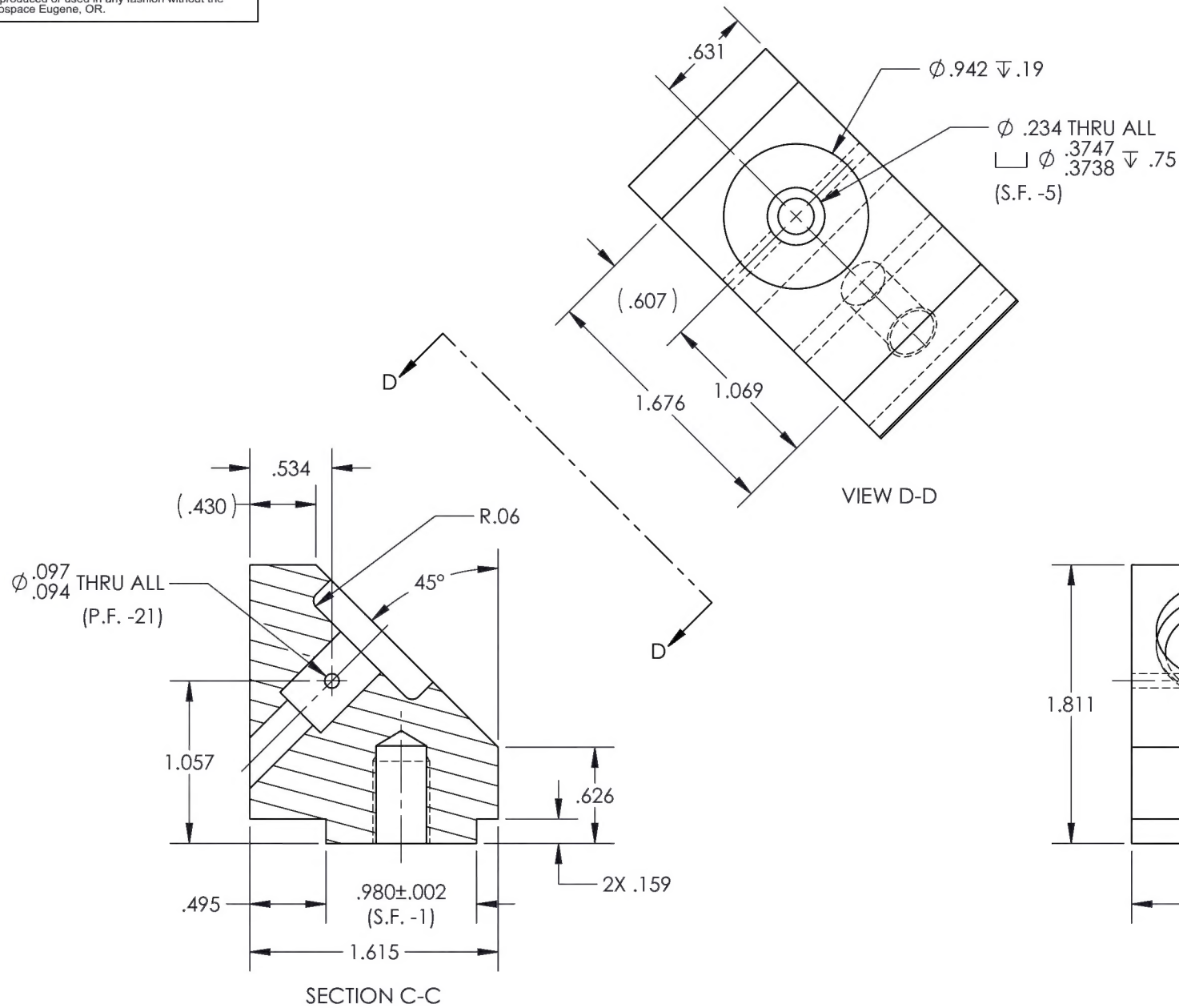


(5)
STUD

DART AEROSPACE	
TITLE T/R PITCH CONTROL LINK ADJUSTING TOOL	
DWG NO. RBW6405G00332-3G-5	REV 5
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT RC 28-34	.XXX ± .005 FRACTIONS ± 1/8
FINISH ZINC PLATE	.XX ± .01 ANGLES ± 5°
SPEC ASTM B633 TYPE I SC 2	.X ± .1 SURFACES = 125° ✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: MACKOVJAK	AGUSTA
SCALE 1:1	DATE 1/13/2008
SHEET 4 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-7 ADDED MISSING DIM FOR HOLE & CH'D DIMS FOR HOLE LOCATION, DELETED .754 DIM, ADDED ENGRAVE NOTE, CH'D FINISH SPEC.	5/4/2011	RJC	
2		-7 ADDED MISSING R.062 DIM, ADDED 1.584 AND .370 DIMS.	9/24/2012	JAG	
3		-7 ADDED LIMITS TO Ø.374 DIM, ADDED LOCATION DIM FOR Ø.098 HOLE (1.057).	2/5/2013	BIM	GE
4	15-0298	-7 CH'D ENGRAVE NOTE WAS ENGRAVE T/N IS ENGRAVE P/N, CH'D DIM WAS Ø.094 IS Ø.097 - .094.	9/14/2015	RJC	JAG
5	16-0233	-7 CH'D DIMS WAS Ø.234 THRU ALL [] Ø.374 +.0007-.0000 ∇ .75 S.F. -5 IS Ø.234 THRU ALL [] Ø.3738-.3747 ∇ .75 (S.F. -5), WAS Ø.094-.097 THRU IS Ø.094-.097 THRU ALL (P.F. -21), WAS Ø.328 ∇ .50 FOR -23 HELICOIL IS TAP FOR -23 5/16-24 HELICOIL INSERT = 1.5 * DIA, WAS .980 S.F. -1 IS .980 \pm .002 (S.F. -1), WAS .430 IS (.430).	11/28/2016	DPD	SM

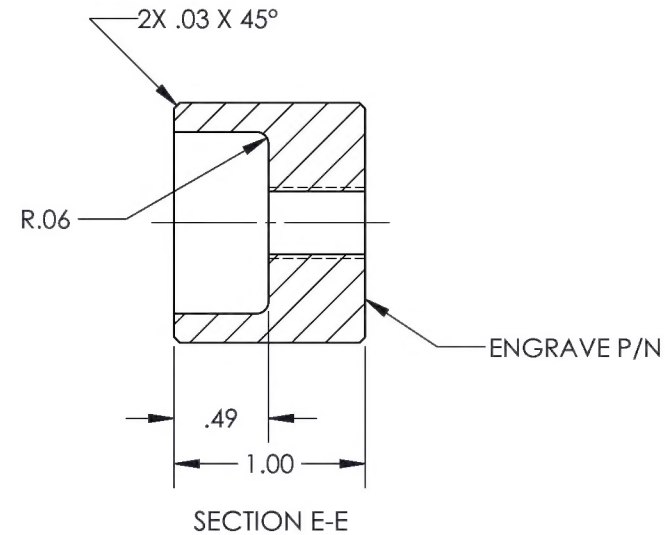
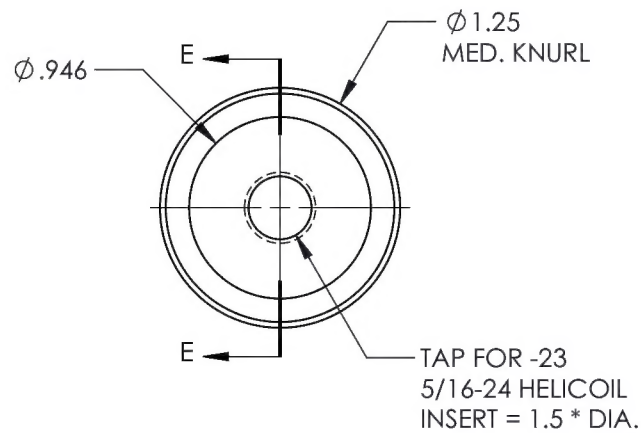
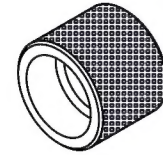


(-7)
SLIDE SEAT

DART AEROSPACE			
TITLE T/R PITCH CONTROL LINK ADJUSTING TOOL			
DWG NO. RBW6405G00332-3G-7			REV 5
MAT'L 6061		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX \pm .005 FRACTIONS \pm 1/8	
FINISH CLEAR ANODIZE		.XX \pm .01 ANGLES \pm .5°	
SPEC MIL-A-8625, TYPE II, CLASS I		.X \pm .1 SURFACES = 125✓	
DRAWN BY: PERRITT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: MACKOVJAK		AGUSTA	
SCALE 1:1		DATE 1/13/2008	SHEET 5 OF 7

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-9 ADDED ENGRAVE NOTE, CH'D FINISH SPEC.	5/4/2011	RJC	
4	15-0298	-9 CH'D ENGRAVE NOTE WAS ENGRAVE T/N IS ENGRAVE P/N.	9/14/2015	RJC	JAG
5	16-0233	-9 CH'D DIM WAS Ø.328 THRU ALL FOR -23 HELICOIL IS TAP FOR -23 5/16-24 HELICOIL INSERT = 1.5 * DIA.	11/28/2016	DPD	SM

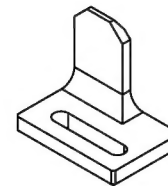
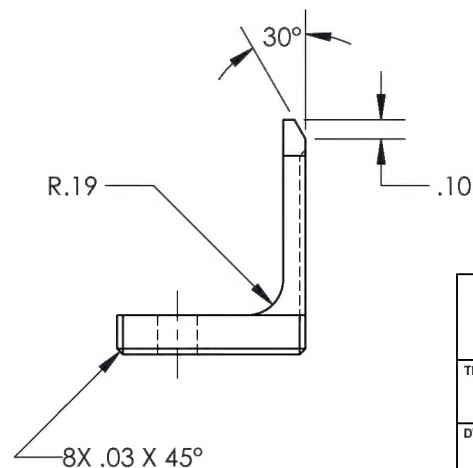
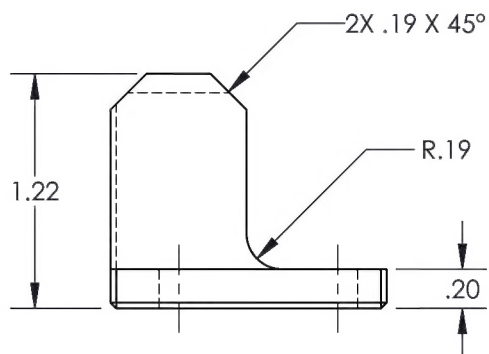
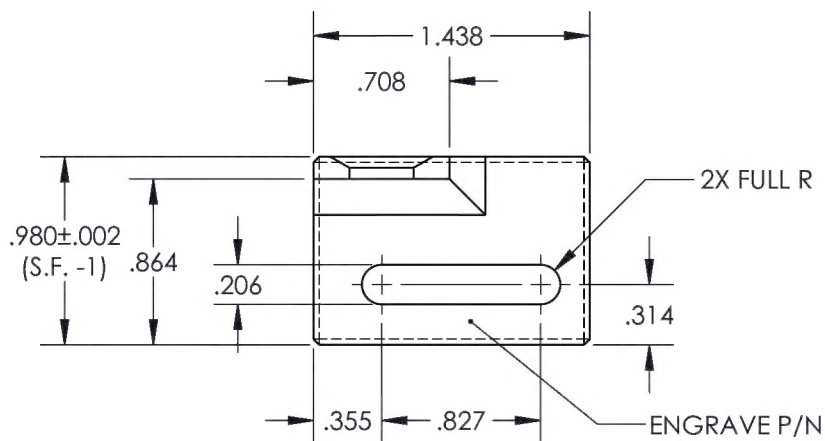


⑨
KNOB

DART AEROSPACE	
TITLE T/R PITCH CONTROL LINK ADJUSTING TOOL	
DWG NO. RBW6405G00332-3G-9	REV 5
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH CLEAR ANODIZE	.XXX ± .005 FRACTIONS ± 1/8
SPEC MIL-A-8625, TYPE II, CLASS I	.XX ± .01 ANGLES ± 5°
DRAWN BY: PERRITT	.X ± .1 SURFACES = 125/✓
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: MACKOVJAK	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 1/13/2008	USED ON MODEL
SHEET 6 OF 7	AGUSTA

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-11 ADDED ENGRAVE NOTE, CH'D FINISH SPEC.	5/4/2011	RJC	
4	15-0298	-11 CH'D ENGRAVE NOTE WAS ENGRAVE T/N IS ENGRAVE P/N.	9/14/2015	RJC	JAG
5	16-0233	-11 CH'D DIM WAS .981 S.F. -1 IS .980 ±.002 (S.F. -1). DELETED DIM R.103. ADDED DIMS .206, 2X FULL R.	11/28/2016	DPD	SM



(-11)

POINTER

DART AEROSPACE	
TITLE T/R PITCH CONTROL LINK ADJUSTING TOOL	
DWG NO. RBW6405G00332-3G-11	REV 5
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH CLEAR ANODIZE	.XX ± .01 ANGLES ±.5°
SPEC MIL-A-8625, TYPE II, CLASS I	.X ± .1 SURFACES = 125/✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: MACKOVJAK	AGUSTA
SCALE 1:1	DATE 1/13/2008
SHEET 7 OF 7	